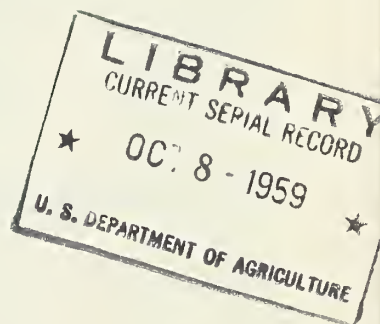


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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the
National Turkey Improvement Plan
by States and Divisions, 1957-58 and 1958-59 and
U. S. Summary 1953-54 to date



HIGHLIGHTS

Capacity of participating hatcheries reached an all-time high of 51.1 million in 1958-59.

There were 4% fewer hatcheries than in the previous year but the average capacity per hatchery increased 10.6%.

The number of flocks was less than in any year since 1943-44 but the number of birds in participating flocks was the largest on record. Average flock size reached a new high of 1,223 birds.

Regional increases in participation were larger in the East North Central, West North Central and South Central Divisions.

For the first time, all NTIP flocks qualified for the U. S. Pullorum-Typhoid Clean classification. The percentage of reactors on first test reached a new low of .01.

Table 1 - Hatchery Participation in the National Turkey Improvement Plan,
by States and Divisions, 1957-58 and 1958-59

State and Division	1957-58		1958-59	
	Number	Egg Capacity	Number	Egg Capacity
Maine	4	97,000	3	85,000
New Hampshire	5	31,900	6	207,209
Vermont	4	92,200	4	44,997
Massachusetts	24	384,385	17	293,490
Rhode Island	1	10,500	1	10,500
Connecticut	16	201,893	13	180,578
New York	19	460,820	17	448,140
New Jersey	9	208,540	9	288,540
Pennsylvania	32	1,031,675	29	957,875
NORTH ATLANTIC	114	2,518,913	99	2,516,329
Ohio	32	2,419,303	32	2,476,896
Indiana	15	757,000	13	873,000
Illinois	15	729,500	14	977,999
Michigan	12	1,752,293	10	1,656,669
Wisconsin	7	734,000	8	793,350
EAST NORTH CENTRAL	81	6,392,096	77	6,777,914
Minnesota	44	5,442,662	52	6,751,596
Iowa	20	2,596,064	24	3,086,416
Missouri	29	2,137,011	25	2,356,900
North Dakota	9	669,742	7	690,850
South Dakota	1	81,000	3	210,000
Nebraska	11	656,104	12	816,828
Kansas	14	907,153	15	976,753
WEST NORTH CENTRAL	128	12,489,736	138	14,889,343
Delaware	---	---	---	---
Maryland	12	344,700	11	279,700
Virginia	17	5,165,595	14	4,239,795
West Virginia	1	64,800	1	64,800
North Carolina	8	702,241	9	594,060
South Carolina	7	505,928	7	547,864
Georgia	7	218,690	5	204,250
Florida	6	196,100	6	197,500
SOUTH ATLANTIC	58	7,198,054	53	6,127,969
Kentucky	2	858,000	3	1,091,800
Tennessee	1	10,000	---	---
Alabama	2	21,075	2	26,955
Mississippi	3	70,980	3	104,940
Arkansas	10	1,399,308	10	1,584,288
Louisiana	2	700,000	2	700,000
Oklahoma	27	1,344,500	27	1,341,000
Texas	31	1,991,887	27	2,286,462
SOUTH CENTRAL	78	6,395,750	74	7,135,445
Montana	---	---	---	---
Idaho	---	---	---	---
Wyoming	---	---	---	---
Colorado	2	219,000	4	244,335
New Mexico	1	30,000	1	40,000
Arizona	4	51,000	3	37,000
Utah	5	848,000	5	939,000
Washington	9	508,500	7	321,500
Oregon	20	2,482,500	20	2,484,282
California	71	9,022,310	67	9,600,503
WESTERN	112	13,161,310	107	13,666,620
UNITED STATES	571	48,155,859	548	51,113,620

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service

Table 2 - Flock Participation in the National Turkey Improvement Plan,
by States and Divisions, 1957-58 and 1958-59

State and Division	1957-58			1958-59		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	6	4,362	727	4	2,499	625
New Hampshire	9	9,000	1,000	11	14,982	1,362
Vermont	9	4,304	478	5	4,200	840
Massachusetts	28	12,581	449	20	14,281	714
Rhode Island	2	623	312	1	575	575
Connecticut	24	9,939	414	3	5,384	1,795
New York	40	21,906	548	33	22,688	688
New Jersey	21	4,348	207	16	5,551	347
Pennsylvania	37	24,498	662	22	17,066	776
NORTH ATLANTIC	176	91,561	520	115	87,226	758
Ohio	164	186,374	1,136	146	216,406	1,482
Indiana	24	20,292	846	23	22,407	974
Illinois	33	19,064	578	33	31,082	942
Michigan	89	71,212	800	92	93,501	1,016
Wisconsin	83	80,247	967	82	100,118	1,221
EAST NORTH CENTRAL	393	377,189	960	376	463,514	1,233
Minnesota	510	416,838	817	614	590,228	961
Iowa	90	147,586	1,640	120	194,825	1,624
Missouri	217	161,016	742	240	178,475	744
North Dakota	30	18,330	611	35	21,487	614
South Dakota	3	2,932	977	3	3,024	1,008
Nebraska	27	33,827	1,253	27	36,455	1,350
Kansas	54	30,186	559	53	35,598	672
WEST NORTH CENTRAL	931	810,715	871	1,092	1,060,092	971
Delaware	9	1,800	200	---	---	---
Maryland	27	12,441	461	20	13,230	662
Virginia	441	250,095	567	428	258,936	605
West Virginia	26	12,391	477	34	15,626	460
North Carolina	62	60,355	973	60	69,846	1,164
South Carolina	98	68,287	697	59	47,306	802
Georgia	8	8,306	1,038	9	10,504	1,167
Florida	11	14,988	1,363	10	14,662	1,466
SOUTH ATLANTIC	682	428,663	629	620	430,110	694
Kentucky	21	30,441	1,450	18	20,297	1,128
Tennessee	---	---	---	---	---	---
Alabama	7	1,491	213	10	1,913	191
Mississippi	2	1,523	762	6	4,623	771
Arkansas	56	49,738	888	60	66,767	1,113
Louisiana	---	---	---	---	---	---
Oklahoma	78	64,000	821	75	62,493	833
Texas	256	260,875	1,019	250	359,961	1,440
SOUTH CENTRAL	420	408,068	972	419	516,054	1,232
Montana	---	---	---	---	---	---
Idaho	---	---	---	---	---	---
Wyoming	---	---	---	---	---	---
Colorado	1	1,293	1,293	7	6,977	997
New Mexico	2	1,573	787	2	1,503	752
Arizona	4	3,981	995	4	4,863	1,216
Utah	32	46,528	1,454	30	40,952	1,365
Washington	30	53,671	1,789	20	38,888	1,944
Oregon	173	230,998	1,335	164	231,644	1,412
California	291	916,906	3,151	242	898,561	3,713
WESTERN	533	1,254,950	2,355	469	1,223,388	2,609
UNITED STATES	3,135	3,371,146	1,075	3,091	3,780,384	1,223

Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan, 1953-54 to 1958-59, inclusive

		1953-54	1954-55*	1955-56*	1956-57*	1957-58*	1958-59*
Number Hatcheries		790	724	649	647	571	548
Hatching Egg Capacity		37,464,146	39,420,800	38,786,111	44,411,692	48,155,859	51,113,620
Percent Increase	No.	-11.24	-8.35	-10.36	-.31	-11.75	-4.03
or Decrease	Cap.	+4.06	+5.22	-1.61	+14.5	+8.43	+6.14
Av. Cap. per Hatchery		47,423	54,449	59,763	68,642	84,336	93,273
U. S. Approved	No. Cap. Per.	628 32,407,667 86.50					
U. S. Certified	No. Cap. Per.	16 550,370 1.47	1/ 570 31,955,794 81.06	1/ 534 33,693,352 86.87	1/ 540 39,706,611 89.41	1/ 483 44,040,903 91.5	1/ 465 45,937,019 89.9
Pullorum Classes Only (no breeding stage)	No. Cap. Per.	146 4,506,109 12.03	2/ 154 7,465,006 18.94	2/ 115 5,092,759 13.13	2/ 107 4,705,081 10.59	2/ 88 4,114,956 8.5	2/ 83 5,176,601 10.1
U. S. Pullorum- Controlled	No. Cap. Per.	16 579,636 1.55					
U. S. Pullorum-Typhoid Passed	No. Cap. Per.	98 3,591,232 9.58	3/ 64 3,436,319 8.72	3/ 36 1,359,936 3.51	3/ 26 1,222,046 2.75	3/ 10 218,365 .5	3/ 7 195,000 .4
U. S. Pullorum-Typhoid Clean	No. Cap. Per.	676 33,293,278 88.87	4/ 660 35,984,481 91.28	4/ 613 37,426,175 96.49	4/ 621 43,189,646 97.25	4/ 561 47,937,494 99.5	4/ 541 50,918,620 99.6

*Data for these years are based on the classification of poultz produced rather than hatchery classification.

1/Produced U.S.Approved and/or U.S.Certified poultz.

3/Produced U.S.Pullorum-Typhoid Passed poultz.

2/Produced no U.S.Approved or U.S.Certified poultz.

4/Produced U.S.Pullorum-Typhoid Clean poultz.

Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan, 1953-54 to 1958-59, inclusive

		1953-54	1954-55	1955-56	1956-57	1957-58	1958-59
Number Flocks		3,843	3,621	3,748	3,725	3,135	3,091
Number Birds		2,766,354	2,765,375	3,033,419	3,649,317	3,371,146	3,780,384
Percent Increase	Flocks	+8.4	-5.78	+3.51	-.61	-15.84	-1.40
or Decrease	Birds	+6.53	-.04	+9.69	+20.3	-7.62	+12.14
Av. No. Birds per Flock		720	764	809	980	1,075	1,223
U. S. Approved	Flocks Birds Per.	3,321 2,364,661 85.48	3,259 2,437,398 88.14	3,503 2,889,858 95.27	3,560 3,546,237 97.18	2,993 3,240,068 96.1	3,002 3,663,911 96.9
U. S. Certified	Flocks Birds Per.	96 54,173 1.96	47 54,314 1.96	90 66,453 2.19	22 40,409 1.10	5 17,428 .5	6 15,301 .4
Pullorum Classes Only (no breeding stage)	Flocks Birds Per.	426 347,520 12.56	315 273,663 9.90	155 77,108 2.54	143 62,671 1.72	137 113,650 3.4	83 101,172 2.7
U. S. Pullorum- Controlled	Flocks Birds Per.	50 51,052 1.84					
U. S. Pullorum-Typhoid Passed	Flocks Birds Per.	160 85,416 3.09	156 104,351 3.77	30 15,404 .51	26 17,117 .47	1 1,362 .04	
U. S. Pulvorum-Typhoid Clean	Flocks Birds Per.	3,633 2,629,886 95.07	3,465 2,661,024 96.23	3,718 3,018,015 99.49	3,699 3,632,200 99.53	3,134 3,369,784 99.96	3,091 3,780,384 100.0
FIRST	No. Flocks	4,225	3,923	3,966	3,949	3,239	3,169
TEST	No. Birds	2,946,586	2,918,037	3,310,470	3,828,755	3,509,580	3,940,033
	No. Reactors	2,641	1,007	1,014	2,197	640	437
	Percent Reactors	0.09	0.03	0.03	.06	.02	.01